

At page 70, line 17, insert --(SEQ ID NO:56)-- after "TAG-3'"
At page 72, line 7, insert --(SEQ ID NO:57)-- after "AAC-3'"
At page 72, line 8, insert --(SEQ ID NO:58)-- after "TTC-3'"
At page 73, line 7, insert --(SEQ ID NO:59)-- after "TGC-3'"
At page 73, line 14, insert --(SEQ ID NO:60)-- after "GC3'"
At page 75, line 11, insert --(SEQ ID NO:61)-- after "TAG-3'"
At page 75, line 13, insert --(SEQ ID NO:62)-- after "GGA-3'"
At page 76, line 16, insert --(SEQ ID NO:63)-- after "GAC-3'"
At page 76, line 33, insert --(SEQ ID NO:64)-- after "ACC-3'"

IN THE CLAIMS

Cancel claims 24, 27-39, 77, 79, 81, 86, 87-94, 97-101 and 104-106 without prejudice or disclaimer.

In line 1 of each of claims 70-76, 84, 85, 96, 102, and 107-109, delete "Method" and insert - - A method - -.

Amend the claims as follows, without prejudice or disclaimer:

69. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

T0908

R ²	GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC
CCT	CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC
AAA	GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG
GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC
TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC
CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG
GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC
GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT
TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC
CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG

GAG AAA CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT
TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT
AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC
CTA CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof, wherein R² is absent or is a DNA comprising a sequence coding for a polypeptide which can be cleaved *in vivo*; and

B) DNA comprising the sequence:

R² GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC
CCT CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC
CAC AAA GGA ACC TAC TTG TAC AAT GAC TGT CCA
GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC
CTC AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA
AAG GAA ATG GGT CAG GTG GAG ATC TCT TCT TGC
ACA GTG GAC CGG GAC ACC GTG TGT GGC TGC AGG
AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC
CTT TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC
AAT GGG ACC GTG CAC CTC TCC TGC CAG GAG AAA
CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT TTC
TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT
AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG
TGC CTA CCC CAG ATT GAG AAT GTT AAG GGC ACT
GAG GAC TCA GGC ACC ACA,

or a C- and/or N- terminally shortened sequence thereof, wherein R² is absent or represents DNA coding for a polypeptide which can be cleaved *in vivo*;

C) a DNA sequence of A or B encoding at least one conservative amino acid substitution;

D) a DNA sequence of A or B encoding at least one amino acid substitution at a glycosylation site;

E) a DNA sequence of A or B encoding at least one amino acid substitution at a proteolytic cleavage site; and

F) a DNA sequence of A or B encoding at least one amino acid substitution at a cysteine residue.

78.9

(Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA GAT
AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA
AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA GGA
ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG GGG CAG
GAT ACG GAC TGC AGG GAG TGT GAG AGC GGC TCC TTC
ACC GCT TCA GAA AAC CAC CTC AGA CAC TGC CTC AGC
TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG GAG
ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT
GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT
GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC CTC TGC
CTC AAT GGG ACC GTG CAC CTC TCC TGC CAG GAG AAA
CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT TTC TTT
CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT AAC TGT
AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA CCC
CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof;

B) DNA comprising the sequence:

CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA GAT
AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA
AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA GGA
ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG GGG CAG
GAT ACG GAC TGC AGG GAG TGT GAG AGC GGC TCC TTC
ACC GCT TCA GAA AAC CAC CTC AGA CAC TGC CTC AGC
TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG GAG
ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT
GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT
GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC CTC TGC
CTC AAT GGG ACC GTG CAC CTC TCC TGC CAG GAG AAA
CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT TTC TTT
CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT AAC TGT
AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA CCC
CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC TCA GGC
ACC ACA

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT
CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA
GGA ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG GGG
CAG GAT ACG GAC TGC AGG GAG TGT GAG AGC GGC TCC
TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC TGC CTC
AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG
TGT GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG
AGT GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC CTC
TGC CTC AAT GGG ACC GTG CAC CTC TCC TGC CAG GAG
AAA CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT TTC
TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT AAC
TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA
CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof; and

D) DNA comprising the sequence:

GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT
CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA
GGA ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG GGG
CAG GAT ACG GAC TGC AGG GAG TGT GAG AGC GGC TCC
TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC TGC CTC
AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG
TGT GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG
AGT GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC CTC
TGC CTC AAT GGG ACC GTG CAC CTC TCC TGC CAG GAG
AAA CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT TTC
TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT AAC
TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA
CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC TCA
GGC ACC ACA

, or a C- and/or N- terminally shortened sequence thereof;

E) a DNA sequence of A, B, C or D encoding at least one conservative amino acid substitution;

F) a DNA sequence of A, B, C or D encoding at least one amino acid substitution at a glycosylation site;

VB C
G) a DNA sequence of A, B, C or D encoding at least one amino acid substitution at a proteolytic cleavage site; and

H) a DNA sequence of A, B, C or D encoding at least one amino acid substitution at a cysteine residue.

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80. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

T0940
VX
ATG CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA
GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT
CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA
GGA ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG GGG
CAG GAT ACG GAC TGC AGG GAG TGT GAG AGC GGC TCC
TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC TGC CTC
AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG
TGT GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG
AGT GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC CTC
TGC CTC AAT GGG ACC GTG CAC CTC TCC TGC CAG GAG
AAA CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT TTC
TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT AAC
TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA
CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof;

B) DNA comprising the sequence:

T0941
ATG CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA
GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT
CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA
GGA ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG GGG
CAG GAT ACG GAC TGC AGG GAG TGT GAG AGC GGC TCC
TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC TGC CTC
AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG
TGT GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG
AGT GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC CTC
TGC CTC AAT GGG ACC GTG CAC CTC TCC TGC CAG GAG
AAA CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT TTC

TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT AAC
TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA
CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC TCA
GGC ACC ACA

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

T0950
✓ ✓ ✓ ✓
ATG GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC
CCT CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC
AAA GGA ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG
GGG CAG GAT ACG GAC TGC AGG GAG TGT GAG AGC GGC
TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC TGC
CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG
GTG GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC
GTG TGT GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT
TGG AGT GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC
CTC TGC CTC AAT GGG ACC GTG CAC CTC TCC TGC CAG
GAG AAA CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT
TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT
AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC
CTA CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof;

D) DNA comprising the sequence:

T0951
ATG GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC
CCT CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC
AAA GGA ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG
GGG CAG GAT ACG GAC TGC AGG GAG TGT GAG AGC GGC
TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC TGC
CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG
GTG GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC
GTG TGT GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT
TGG AGT GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC
CTC TGC CTC AAT GGG ACC GTG CAC CTC TCC TGC CAG
GAG AAA CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT
TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT
AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC
CTA CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC
TCA GGC ACC ACA

, or a C- and/or N- terminally shortened sequence thereof;

E) DNA comprising the sequence:

T 6960

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA
CTG	GTG	CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC
TCA	GGG	GTT	ATT	GGA	CTG	GTC	CCT	CAC	CTA	GGG	GAC
AGG	GAG	AAG	AGA	GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA
TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC
AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT
CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC
AGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA
ATG	GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC
CGG	GAC	ACC	GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC
CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC
AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC
TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC
TCC	TGT	AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG
AAG	TTG	TGC	CTA	CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC

, or a C- and/or N- terminally shortened sequence thereof;

F
CNN

F) DNA comprising the sequence:

T 6961

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA
CTG	GTG	CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC
TCA	GGG	GTT	ATT	GGA	CTG	GTC	CCT	CAC	CTA	GGG	GAC
AGG	GAG	AAG	AGA	GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA
TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC
AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT
CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC
AGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA
ATG	GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC
CGG	GAC	ACC	GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC
CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC
AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC
TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC
TCC	TGT	AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG
AAG	TTG	TGC	CTA	CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC
ACT	GAG	GAC	TCA	GGC	ACC	ACA					

, or a C- and/or N- terminally shortened sequence thereof;

G) DNA comprising the sequence:

T 6962

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CTG GTG CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC
 TCA GGG GTT ATT GGA GAT AGT GTG TGT CCC CAA GGA
 AAA TAT ATC CAC CCT CAA AAT AAT TCG ATT TGC TGT
 ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT GAC
 TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG
 TGT GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC
 CTC AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA AAG
 GAA ATG GGT CAG GTG GAG ATC TCT TCT TGC ACA GTG
 GAC CGG GAC ACC GTG TGT GGC TGC AGG AAG AAC CAG
 TAC CGG CAT TAT TGG AGT GAA AAC CTT TTC CAG TGC
 TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG CAC
 CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC
 TGC CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT
 GTC TCC TGT AGT AAC TGT AAG AAA AGC CTG GAG TGC
 ACG AAG TTG TGC CTA CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof;

H) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA
 CTG GTG CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC
 TCA GGG GTT ATT GGA GAT AGT GTG TGT CCC CAA GGA
 AAA TAT ATC CAC CCT CAA AAT AAT TCG ATT TGC TGT
 ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT GAC
 TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG
 TGT GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC
 CTC AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA AAG
 GAA ATG GGT CAG GTG GAG ATC TCT TCT TGC ACA GTG
 GAC CGG GAC ACC GTG TGT GGC TGC AGG AAG AAC CAG
 TAC CGG CAT TAT TGG AGT GAA AAC CTT TTC CAG TGC
 TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG CAC
 CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC
 TGC CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT
 GTC TCC TGT AGT AAC TGT AAG AAA AGC CTG GAG TGC
 ACG AAG TTG TGC CTA CCC CAG ATT GAG AAT GTT AAG
 GGC ACT GAG GAC TCA GGC ACC ACA

, or a C- and/or N- terminally shortened sequence thereof; and

I) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA
 CTG GTG CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC
 TCA GGG GTT ATT GGA CTG GTC CCT CAC CTA GGG GAC
 AGG GAG AAG AGA GAT AGT GTG TGT CCC CAA GGA AAA
 TAT ATC CAC CCT CAA AAT AAT TCG ATT TGC TGT ACC

AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT GAC TGT
 CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT
 GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC
 AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA
 ATG GGT CAG GTG GAG ATC TCT TCT TGC ACA GTG GAC
 CGG GAC ACC GTG TGT GGC TGC AGG AAG AAC CAG TAC
 CGG CAT TAT TGG AGT GAA AAC CTT TTC CAG TGC TTC
 AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG CAC CTC
 TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC
 CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC
 TCC TGT AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG
 AAG TTG TGC CTA CCC CAG ATT GAG AAT GTT AAG GGC
 ACT GAG GAC TCA GGC ACC ACA GTG CTG TTG CCC CTG
 GTC ATT TTC TTT GGT CTT TGC CTT TTA TCC CTC CTC
 TTC ATT GGT TTA ATG TAT CGC TAC CAA CGG TGG AAG
 TCC AAG CTC TAC TCC ATT GTT TGT GGG AAA TCG ACA
 CCT GAA AAA GAG GGG GAG CTT GAA GGA ACT ACT ACT
 AAG CCC CTG GCC CCA AAC CCA AGC TTC AGT CCC ACT
 CCA GGC TTC ACC CCC ACC CTG GGC TTC AGT CCC GTG
 CCC AGT TCC ACC TTC ACC TCC AGC TCC ACC TAT ACC
 CCC GGT GAC TGT CCC AAC TTT GCG GCT CCC CGC AGA
 GAG GTG GCA CCA CCC TAT CAG GGG GCT GAC CCC ATC
 CTT GCG ACA GCC CTC GCC TCC GAC CCC ATC CCC AAC
 CCC CTT CAG AAG TGG GAG GAC AGC GCC CAC AAG CCA
 CAG AGC CTA GAC ACT GAT GAC CCC GCG ACG CTG TAC
 GCC GTG GTG GAG AAC GTG CCC CCG TTG CGC TGG AAG
 GAA TTC GTG CGG CGC CTA GGG CTG AGC GAC CAC GAG
 ATC GAT CGG CTG GAG CTG CAG AAC GGG CGC TGC CTG
 CGC GAG GCG CAA TAC AGC ATG CTG GCG ACC TGG AGG
 CGG CGC ACG CCG CGG CGC GAG GCC ACG CTG GAG CTG
 CTG GGA CGC GTG CTC CGC GAC ATG GAC CTG CTG GGC
 TGC CTG GAG GAC ATC GAG GAG GCG CTT TGC GGC CCC
 GCC GCC CTC CCG CCC GCG CCC AGT CTT CTC AGA

, or a C- and/or N- terminally shortened sequence thereof;

J) a DNA sequence of A, B, C, D, E, F, G, H or I encoding at least one conservative amino acid substitution;

K) a DNA sequence of A, B, C, D, E, F, G, H or I encoding at least one amino acid substitution at a glycosylation site;

L) a DNA sequence of A, B, C, D, E, F, G, H or I encoding at least one amino acid substitution at a proteolytic cleavage site; and

M) a DNA sequence of A, B, C, D, E, F, G, H or I encoding at least one amino acid substitution at a cysteine residue.

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82. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, characterized in that the polypeptide is encoded by a nucleic acid which hybridizes with DNA complementary to the DNA defined in claim 69 under conditions of moderate stringency.

12
83. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is selected from the group consisting of:

A) a polypeptide comprising the amino acid sequence:

R ²	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
T0990	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu
	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg
	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val
	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu
	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly
	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys
	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val
	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu
	cys	leu	pro	gln	ile	glu	asn							

, or a C- and/or N- terminally shortened sequence thereof, wherein R² is absent or is a polypeptide which can be cleaved *in vivo*; [and]

B) a polypeptide comprising the amino acid sequence:

R ²	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
T0991	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu
	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg
	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val
	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu

asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly
thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys
thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val
ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu
cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser
gly	thr	thr											

, or a C- and/or N- terminally shortened sequence thereof, wherein R² is absent or is a polypeptide which can be cleaved *in vivo*:

C) a polypeptide comprising the amino acid sequence of A or B with at least one conservative amino acid substitution;

D) a polypeptide comprising the amino acid sequence of A or B with at least one amino acid substitution at a glycosylation site;

E) a polypeptide comprising the amino acid sequence of A or B with at least one amino acid substitution at a proteolytic cleavage site; and

F) a polypeptide comprising the amino acid sequence of A or B with at least one amino acid substitution at a cysteine residue.

35. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, characterized in that the polypeptide is encoded by a nucleic acid which hybridizes with DNA complementary to the DNA defined in claim 33 under conditions of moderate stringency.

36. (Amended) A polypeptide according to claim 35, wherein said polypeptide is selected from the group consisting of:

A) a polypeptide comprising the amino acid sequence:

T 0001	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu

tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg
glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val
cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu
asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly
thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys
thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val
ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu
<u>cys</u>	leu	pro	gln	ile	glu	asn							

, or a C- and/or N- terminally shortened sequence thereof;

B) a polypeptide comprising the amino acid sequence:

leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser	val
cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser	ile
cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn	asp
cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys	glu
ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his	cys
leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val	glu
ile	ser	ser	cys	thr	vai	asp	arg	asp	thr	val	cys	gly	cys
arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu	phe
gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val	his
leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys	his
ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys	ser
asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	lys	pro
gln	ile	glu	asn										

, or a C- and/or N- terminally shortened sequence thereof;

C) a polypeptide comprising the amino acid sequence:

asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu
tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg
glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val
cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu
asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly
thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys
thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val
ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu
cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser
gly	thr	thr											

, or a C- and/or N- terminally shortened sequence thereof; and

D) a polypeptide comprising the amino acid sequence:

T1020
✓4
Cont

leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser	val
cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser	ile
cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn	asp
cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys	glu
ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his	cys
leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val	glu
ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly	cys
arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu	phe
gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val	his
leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys	his
ala	giy	phe	phe	ieu	arg	glu	asn	glu	cys	val	ser	cys	ser
asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu	pro
gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr	thr

, or a C- and/or N- terminally shortened sequence thereof;

E) a polypeptide comprising the amino acid sequence of A, B, C or D with at least one conservative amino acid substitution;

F) a polypeptide comprising the amino acid sequence of A, B, C or D with at least one amino acid substitution at a glycosylation site;

G) a polypeptide comprising the amino acid sequence of A, B, C or D with at least one amino acid substitution at a proteolytic cleavage site; and

H) a polypeptide comprising the amino acid sequence of A, B, C or D with at least one amino acid substitution at a cysteine residue.

23
103. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is selected from the group consisting of :

A) a polypeptide comprising the amino acid sequence:

T1030

met	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
ieu	cys	leu	pro	gln	ile	glu	asn,						

or a C- and/or N- terminally shortened sequence thereof;

B) a polypeptide comprising the amino acid sequence:

V/V

T1031

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	giu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn									

, or a C- and/or N- terminally shortened sequence thereof;

C) a polypeptide comprising the amino acid sequence:

T1032

met	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn

gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp
ser	gly	thr	thr										

, or a C- and/or N- terminally shortened sequence thereof;

D) a polypeptide comprising the amino acid sequence:

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr													

, or a C- and/or N- terminally shortened sequence thereof;

E) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn									

, or a C- and/or N- terminally shortened sequence thereof;

F) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr													

, or a C- and/or N- terminally shortened sequence thereof;

G) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	ieu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn						

, or a C- and/or N- terminally shortened sequence thereof;

H) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln

asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp
ser	gly	thr	thr										

, or a C- and/or N- terminally shortened sequence thereof; [and]

I) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr	val	leu	leu	pro	leu	val	ile	phe	phe	gly	leu	cys	leu
leu	ser	leu	leu	phe	ile	gly	leu	met	tyr	arg	tyr	gln	arg
trp	lys	ser	lys	leu	tyr	ser	ile	val	cys	gly	lys	ser	thr
pro	glu	lys	glu	gly	glu	leu	glu	gly	thr	thr	lys	pro	pro
leu	ala	pro	asn	pro	ser	phe	ser	pro	thr	pro	gly	phe	thr
pro	thr	leu	gly	phe	ser	pro	val	pro	ser	ser	thr	phe	thr
ser	ser	ser	thr	tyr	thr	pro	gly	asp	cys	pro	asn	phe	ala
ala	pro	arg	arg	glu	val	ala	pro	pro	tyr	gln	gly	ala	asp
pro	ile	leu	ala	thr	ala	leu	ala	ser	asp	pro	ile	pro	asn
pro	leu	gln	lys	trp	glu	asp	ser	ala	his	lys	pro	gln	ser
leu	asp	thr	asp	asp	pro	ala	thr	leu	tyr	ala	val	val	glu
asn	val	pro	pro	leu	arg	trp	lys	glu	phe	val	arg	arg	leu
gly	leu	ser	asp	his	glu	ile	asp	arg	leu	glu	leu	gln	asn
gly	arg	cys	leu	arg	glu	ala	gln	tyr	ser	met	leu	ala	thr

trp arg arg arg thr pro arg arg glu ala thr leu glu leu
leu gly arg val leu arg asp met asp leu leu gly cys leu
glu asp ile giu glu ala leu cys gly pro ala ala leu pro
pro ala pro ser leu leu arg

, or a C- and/or N- terminally shortened sequence thereof;

J) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one conservative amino acid substitution;

K) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a glycosylation site;

L) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a proteolytic cleavage site; and

M) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a cysteine residue.

Please insert new claims 107-115.

24 --107. A polypeptide according to claim 103, wherein said polypeptide is chemically derivatized.

25 108. A polypeptide having the ability to bind to TNF comprising an amino acid sequence as set forth in one of claims 69, 78, 80, 83, 96 and 103 with at least one intrasequence conservative amino acid substitution.

26 109. (Amended) A polypeptide according to claim 108, wherein said polypeptide includes at least one additional amino acid at the amino-terminus, at the carboxyl-terminus, or at both the amino-terminus and at the carboxyl-terminus.

27 110. (Amended) A polypeptide according to claim 109, wherein said polypeptide includes at least one additional amino acid at the amino-terminus and at the carboxyl-terminus.

28 111. (Amended) A polypeptide according to claim 108, wherein said polypeptide includes at least one additional amino acid at the amino-terminus.

~~29~~ 112. (Amended) A polypeptide according to claim ~~111~~, wherein said polypeptide includes a methionine at the amino-terminus.

~~30~~ 113. (Amended) A polypeptide according to claim ~~109~~, wherein said polypeptide includes at least one additional amino acid at the carboxyl-terminus.

~~31~~ 114. (Amended) A polypeptide according to claim ~~108~~, wherein said polypeptide includes a methionine at the amino-terminus and said amino acid substitution is at a glycosylation site.

~~32~~ 115. (Amended) A polypeptide according to claim ~~108~~, wherein said amino acid substitution is at a glycosylation site.--